

REMARKS

Applicants have carefully reviewed the Application in light of the Office Action mailed May 27, 2005. At the time of the Office Action, Claims 1-21 were pending in the Application. Applicants amend Claims 1-12, 14-16 and 18 without prejudice or disclaimer. Applicants' amendments have been done to advance prosecution in this case and not to overcome prior art. Applicants respectfully request reconsideration of the pending claims and favorable action in this case.

Claim Objection

The Examiner objects to Claim 6 for lack of antecedent basis because Claim 6 recites the first amplifier and the second amplifier, which Claim 1 does not recite. *Office Action*, p. 2. Applicant amends Claim 6 to depend from Claim 5, which provides antecedent basis for the second amplifier.

Section 102 Rejection

The Examiner rejects Claims 1, 3, and 15 under 35 U.S.C. §102(b), as being anticipated by U.S. Patent No. 5,767,696 issued to Choi (hereinafter "*Choi*"). Applicant respectfully requests reconsideration of this rejection of the above-mentioned claims. "A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 2 U.S.P.Q.2d 1051, 1053 (Fed. Cir. 1987); M.P.E.P. §2131.

Applicant respectfully submits that *Choi* does not disclose, teach, or suggest, either expressly or inherently, each and every element of amended Claim 1. For example, *Choi* does not disclose, teach, or suggest "driving a data line to a first voltage state if the first data signal is a logic zero; releasing the data line to a second voltage state if the first data signal is a logic one; and driving the released data line to a third voltage state if the first data signal is a logic one and the second data signal is a logic one." *Choi* only discloses a device that enters a logic low state, a logic high state, and a floating state. *Choi*, Table 2. Because *Choi* fails to teach at least this limitation, Applicant respectfully submits that *Choi* cannot anticipate Claim 1 under 35 U.S.C. §102(b). Thus, Applicant respectfully requests reconsideration and allowance of independent Claim 1 and its dependents.

Independent Claim 15 recites certain limitations that, for reasons substantially similar to those discussed with reference to independent Claim 1, *Choi* does not disclose, teach, or suggest, either expressly or inherently. Therefore, Applicant respectfully requests reconsideration and allowance of independent Claim 15 together with its dependents.

Section 103 Rejections

The Examiner rejects Claims 2 and 8-11 under 35 U.S.C. §103(a), as being unpatentable over *Choi*. The Examiner also rejects Claims 6, 13, and 17 under 35 U.S.C. §103(a), as being unpatentable over *Choi* in view of “admitted prior art.” *Office Action*, pp. 5-6. Applicant respectfully submits that the Background of the Invention discloses that Gunning Transceiver Logic (GTL) and Stub Series Terminated Logic (SSTL) generally exist, but does not suggest the combination and arrangement of GTL and SSTL as recited in Claim 6. Accordingly, Applicant respectfully requests reconsideration and allowance of Claims 6, 13, and 17. Furthermore, Claims 2 and 6 depend on Claim 1, which Applicant has shown to be allowable, and Claims 13 and 17 depend on Claim 15, which Applicant has shown to be allowable. Therefore, *Choi* does not disclose, teach, or suggest, either expressly or inherently, certain limitations of Claims 2, 6, 13, and 17. Accordingly, Applicant respectfully requests reconsideration and allowance of Claims 2, 6, 13, and 17.

Independent Claim 8 recites certain limitations that, for reasons substantially similar to those discussed with reference to independent Claim 1, *Choi* does not disclose, teach, or suggest, either expressly or inherently. Therefore, Applicants respectfully request reconsideration and allowance of independent Claim 8 with its dependents.

Allowable Subject Matter

The Examiner objects to Claims 4-5, 7, 12, 14, 16, and 18 as being dependent upon a rejected base claim, but would allow the claims if rewritten in independent form including all of the limitations of the base claim and any intervening claims. *Office Action*, p. 6. As discussed above, Applicant believes that independent Claim 1 (from which Claims 4-5 and 7 depend), independent Claim 8 (from which Claims 12 and 14 depend), and independent Claim 15 (from which Claims 16 and 18 depend) are allowable as currently amended. Therefore, Applicant has kept Claims 4-5, 7, 12, 14, 16, and 18 in their dependent form and

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respectfully submits that Claims 4-5, 7, 12, 14, 16, and 18 are allowable. Applicant further appreciates the allowance of Claims 19-21. Accordingly, Applicant respectfully requests reconsideration and allowance of Claims 1-21.

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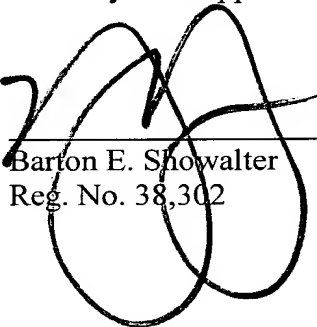
CONCLUSION

Applicant has now made an earnest attempt to place this case in condition for immediate allowance. For the foregoing reasons and for all other reasons clear and apparent, Applicant respectfully requests reconsideration and allowance of the pending claims.

Applicant believes that no fee is due. However, if this is not the case, the Commissioner is hereby authorized to charge any amount required or credit any overpayment to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P.

If there are matters that can be discussed by telephone to advance prosecution of this application, Applicant invites the Examiner to contact its attorney, Barton E. Showalter, at (214) 953-6509.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicant



A large, stylized handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Barton E. Showalter
Reg. No. 38,302

Date: August 26, 2005

Customer No. **05073**